

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. P50881-2C1	SERIAL NO. Not Assigned
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>		APPLICANT Thompson <i>et al.</i>	
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11017 U.S. PTO
10/074639
02/13/02

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	AA	4,447,419	05/1984	G. Quadro	424	177	
	AB	5,523,313	06/1996	Nunami, et al.	514	365	
	AC	5,395,824	03/07/95	Higuchi, et al.	514	19	
	AD	5,424,325	06/13/95	Ando, et al.	514	357	
	AE	5,422,359	06/06/95	Ando, et al.	514	365	

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	AF	EP 0 504 938A2	03/1992	EPO				
	AG	WO 94/23033	10/1994	PCT				
	AH	WO 96/40737	12/1996	PCT				
	AI	WO 96/13523	05/1996	PCT				
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	AK	WO 94/04172	03/1994	PCT				

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AL	Bossard, et al., (1996), <i>J. of Bio. Chem.</i> , Vol. 271, No. 21, pp. 12517-12524.
AM	Bromme, et al., (1996), <i>Biochemical Journal</i> , Vol. 315, pp. 85-89, especially abstract, Figure 1.
AN	Velasco, et al., (1994), <i>J. of Bio. Chem.</i> , Vol. 269, No. 43, pp. 27136-27142, especially the abstract.
AO	Magrath, et al., (1992), <i>J. of Med. Chem.</i> , Vol. 35, No. 23, pp. 4279-4283, especially page 4281, column 1, structures 1-4 and 7.
AP	Graybill, et al., (1992), <i>Bioorganic & Medicinal Chemistry Letters</i> , Vol. 2, No. 11, pp. 1375-1380, especially page 1377, Scheme I.
AQ	Palmer, et al., (1995), <i>J. of Med. Chem.</i> , Vol. 38, No. 17, pp. 3193-3196.
AR	Danheiser, (1995), <i>Genetic Engineering News</i> , Vol. 15, No. 17, pp. 1-1 and 35-36.
AS	Rasnick, (1996), <i>Perspectives in Drug Discovery & Design</i> , Vol. 6, pp. 48-63.

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	AZ	WO 97/47643	12/1997	PCT				
	BA	WO 98/05336	02/1998	PCT				
	BB	WO 98/08802	03/1998	PCT				
	BC	WO97/49668	12/1997	PCT				

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	BD	Potempa, et al., "Host and <i>Porphyromonas gingivalis</i> proteinases in periodontitis: A biochemical model of infection and tissue destruction", (1994), Perspectives in Drug Discovery and Design, Vol. 2 , pp. 445-458
	BE	Drake, et al., "Cathepsin K, but Not Cathepsins B, L, or S, Is Abundantly Expressed in Human Osteoclasts", (1996), J. of Biological Chemistry, 271(21) , pp. 12511-12516
	BF	Bromme, et al., "Human Cathepsin 02, a Matrix Protein-degrading Cysteine Protease Expressed in Osteoclasts", (1996), J. of Biological Chemistry, 271(4) , pp. 2126-2132
	BG	Delaisse, et al., "In Vivo and In Vitro Evidence for the Involvement of Cysteine Proteinases in Bone Resorption", (1984), Biochemical and Biophysical Research Communications, 125(2) , pp. 441-447
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	BL	5,668,128	09/1997	Tsubotani et al.	514	183	
	BM	5,142,056	08/1992	Kempe, et al.	546	265	

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	BN	EP 0 623 592	11/1994	EPO				
	BO	WO 92/04371	03/1992	PCT (GB91/01479)				
	BP	WO 98/49152	11/1998	PCT				
	BQ	WO 98/48799	11/1998	PCT				
	BR	WO 98/50342	11/1998	PCT				
	BS	EP 0 525 420 A1	02/1993	EPO (see also US equiv. 5,639,783)				

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	BT	Lerner, et al., "Human Cystatin C, a Cysteine Proteinase Inhibitor, Inhibits Bone Resorption In Vitro Stimulated by Parathyroid Hormone and Parathyroid Hormone-Related Peptide of Malignancy", (1992), J. of Bone and Mineral Research , 7(4), pp. 433-439
	BU	Hill, et al., "Inhibition of Bone Resorption by Selective Inactivators of Cysteine Proteinases", (1994), J. of Cellular Biochemistry , 56, pp. 118-130
	BV	Delais, et al., "The Effects of Inhibitors of Cysteine-Proteinases and Collagenase on the Resorptive Activity of Isolated Osteoclasts", Bone , 8, pp. 305-313
	BW	Borg, et al., "Synthesis of 1,2,4-Oxadiazole-, 1,3,4-Oxadiazole-, and 1,2,4-Triazole-Derived Dipeptidomimetics", J. Org. Chem. , 60, pp. 3112-3120
	BX	Boden, et al., "Total Synthesis of Lissoclinamide 5, a Cytotoxic Cyclic Peptide from the Tunicate <i>Lissoclinum patella</i> ", (1994), Tetrahedron. Ltrs. , 35(44), pp. 8271-8274

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	BY	4,518,528	05/1985	D. Rasnick	260	112.5 R	
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	CB	09/078,314		Field et al			05/13/98

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	CC	Everts, et al., "Degradation of Collagen in the Bone-Resorbing Compartment Underlying the Osteoclast Involves Both Cysteine-Proteinases and Matrix Metalloproteinases", (1992), Journal of Cellular Physiology , 150 , pp. 221-231
	CD	Shi, et al., "Molecular cloning of human cathepsin O, a novel endoproteinase and homologue of rabbit OC2", (1995), FEBS Ltrs. , 357 , pp. 129-134
	CE	Inaoka, et al., "Molecular Cloning of Human cDNA for Cathepsin K: Novel Cysteine Proteinase Predominantly Expressed in Bone", (1995), Biochemical and Biophysical Research Communications , 206(1) , pp. 89-96
	CF	Elmore, et al., "A New Method for Determining the Absolute Molarity of Solutions of Trypsin and Chymotrypsin...", (1968), Biochem J. , 107 , pp. 103-107
	CG	Barker, et al., "The Reaction of an α -Aza-Amino Acid Derivative with Chymotrypsin and Its Use as a Ligand...", (1974), Biochem J. , 139 , 555-563
	CH	Gray, et al., " N^{α} -Ethoxycarbonyl- α -Azaornithine Phen...", (1977), Tetrahedron , 33 , p. 837-840
	CI	Tezuka, et al., "Molecular Cloning of a Possible Cysteine Proteinase Predominantly Expressed in Osteoclasts", (1994), J. Biol. Chem. , 269(2) , pp. 1106-1109
	CJ	Gupton, et al., "Reaction of Azapeptides with Chymotrypsin-like Enzymes", (1984), J. Biol. Chem. , 259:7 , pp. 4279-4287

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	CN	5,830,850	11/1998	Gelb et al.	514	2	
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	CP	4,638,010	01/1987	Weller, III., et al.	514	423	

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	CS	EP 0 237 082 A	09/1987	EPO				
	CT	WO 94/00095	01/1994	PCT				
	CU	WO 94/24182 A	09/1995	PCT				

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CW	McConnell, et al., "New Leupeptin Analogues: Synthesis and Inhibition Data", <i>J. Med. Chem.</i> , 33 , pp. 86-93
CX	Umezawa, "Structures and Activities of Protease Inhibitors of Microbial Origin", <i>Meth. Enzymol.</i> , pp. 678-695
CY	Barrett, et al., "L-trans-Epoxy succinyl-leucylamido(4-guanidino)butane(E-64) and its analogues...", (1982), <i>Biochem. J.</i> , 201 , p. 189-198
CZ	Han et al., Azatides: "Solution and Liquid Phase Syntheses of a New Peptidomimetic", (1986), <i>J. Amer. Chem. Soc.</i> , 108 :11, p. 2539-2544
DA	Grinde, "Selective Inhibition of Lysosomal Protein Degradation By the Thiol Proteinase..." (1982), <i>Biochem. J. Biophys. Acta.</i> , 701 , pp. 328-333

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DC	Baggio, et al., "From Poor Substrates to Good Inhibitors: Design of Inhibitors for Serine and Thiol Proteases", (1996), Biochem. , <i>35:11</i> , pp. 3351-3353
DD	Calabretta, et al., "Peptidyl and azapeptidyl methylketones as substrate analog inhibitors of papain and cathepsin B", (1995), Eur. J. Med. Chem. , <i>30</i> , pp. 931-941
DE	McConnell, et al., "Inhibition Studies of Some Serine and Thiol Proteinases by New Leupeptin Analogues", (1993), J. Med. Chem. , <i>36</i> , pp. 1084-1089
DF	Kawada, et al., "Polymer Compositions", (1971), Chemical Abstracts , <i>Vol. 83</i> , DN 83: 180329; JP 50058142 (1975)
DG	Castelhano, et al., "Synthesis, Chemistry and Absolute Configuration of Novel Transglutaminase Inhibitors Containing a 3-Halo-4,5-dihydroisoxazole", (1988), Bioorg. Chem. , <i>Vol. 16, No. 3</i> , pp. 335-340
DH	Greenlee, et al., "Azapeptides: A New Class of Angiotensin-Converting Enzyme Inhibitors", (1984), Biochem. & Biophys. Research Communications , <i>122:2</i> , pp. 791-797
DI	Auger, et al., "Solid-State ¹³ C NMR Study of a Transglutaminase-Inhibitor Adduct", (1993), Biochemistry , <i>Vol. 32, No. 15</i> , pp. 3930-3934
DJ	Database WPIDS on STN, Derwent Publications LTD., (Columbus, Ohio), AN 85-029005, JP 59225172 A (Yamanouchi Pharm Co. LTD), Abstract, (1984)
DK	Thompson, et al., "Design of potent and selective human cathepsin K Inhibitors that span the active site", (1997), Proc. Natl. Acad. Sci. USA , <i>94</i> , pp. 14249-14254
DL	Yamashita, et al., "Structure and Design of Potent and Selective Cathepsin K Inhibitors", (1997), J. Amer. Chem. Soc. , <i>119</i> , pp. 11351-11352

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	DM	5,902,882	05/1999		540	604	
	DN	09/653,815		(P50881-2)			09/01/00

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	DR	Kosary, et al., "Synthesis of pyridylthiazoles as antisecretory agents", (1989), Pharmazie , 44:3, pp. 191-193
	DS	Sridevi, et al., "Some reactions and rearrangements of isoxazol-3-carbonyl azides and hydrazides", (1990), Indian J. of Chem. , 29B:2, pp. 182-183
	DT	Tanner, et al., "Total Synthesis of Balanol, Part 1. Enantioselective Synthesis of the Hexahydroazepine Ring via Chiral Epoxides and Axiridines", (1995), Tetrahedron , Vol. 51, No. 21, pp. 6061-6070
	DU	Winkler, "Molecular Molding Studies of "Flap Up" Mannosyl Cation Mimics", (1996), J. Med.Chem. , 39, pp. 4332-4334
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